

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2909 - L2 Version 4
Chandra X-Ray Center

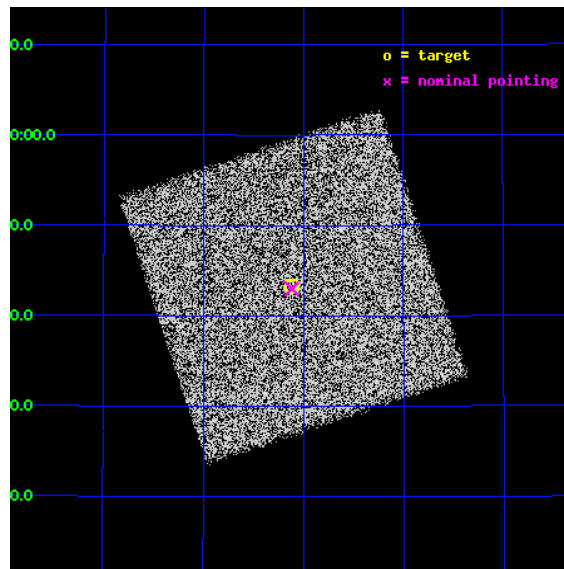
L2 Processing Date : Sep 30 2012

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1 Front

seq_num	600246	Sequence number
obs_id	2909	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-N1	Source name
ra_targ	11.029167	Observer's specified target RA [deg]
dec_targ	41.721	Observer's specified target Dec [deg]
ra_nom	11.028890972329	Nominal RA [deg]
dec_nom	41.71655284897	Nominal Dec [deg]
roll_nom	296.51413682317	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1093.6750440001	[s]
livetime	1086.6216534188	Ontime multiplied by DTCOR
l2events	44381	Number of level 2 events

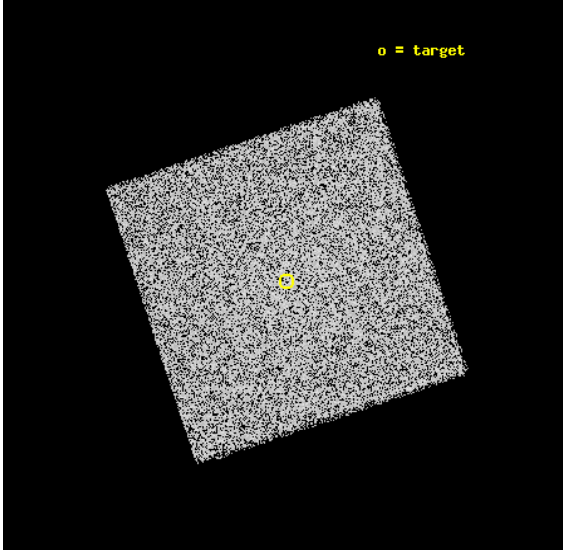


2 OBI

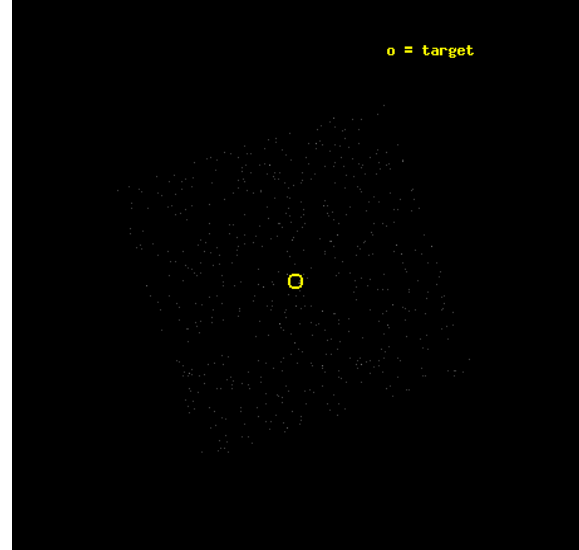
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1093.6750440001	[s]
caldbver	4.5.2	 	l1events	83537	Number of level 1 events
date	2012-09-30T04:10:50	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

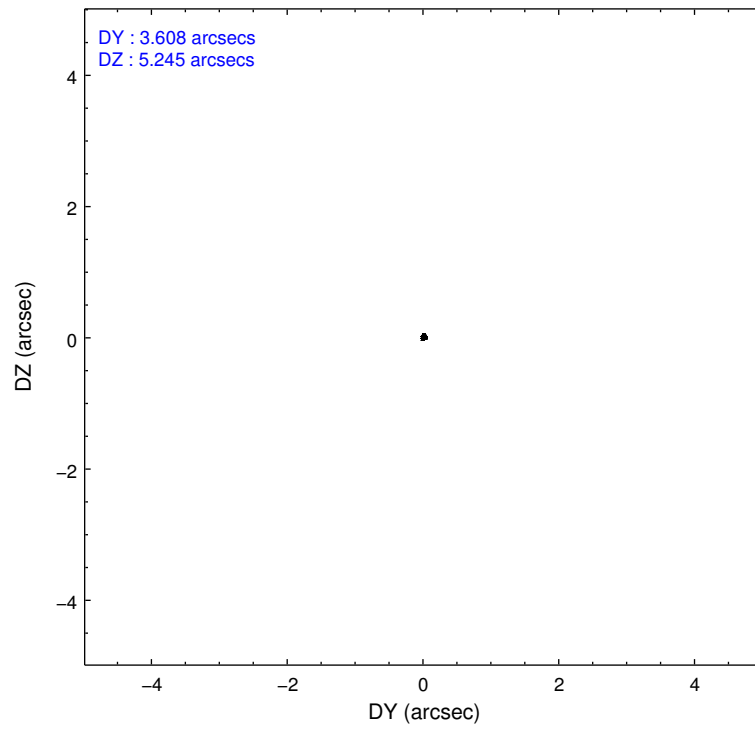
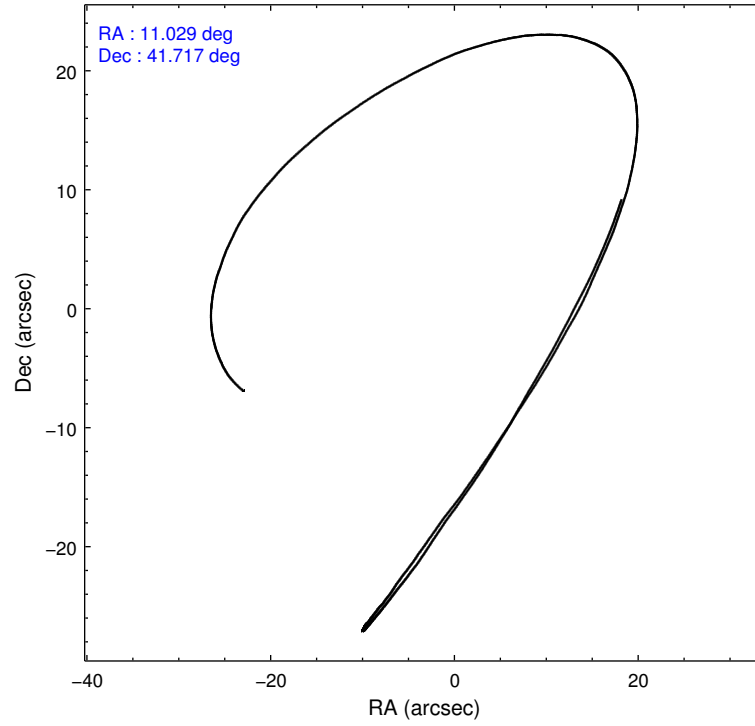
Level 1 Events

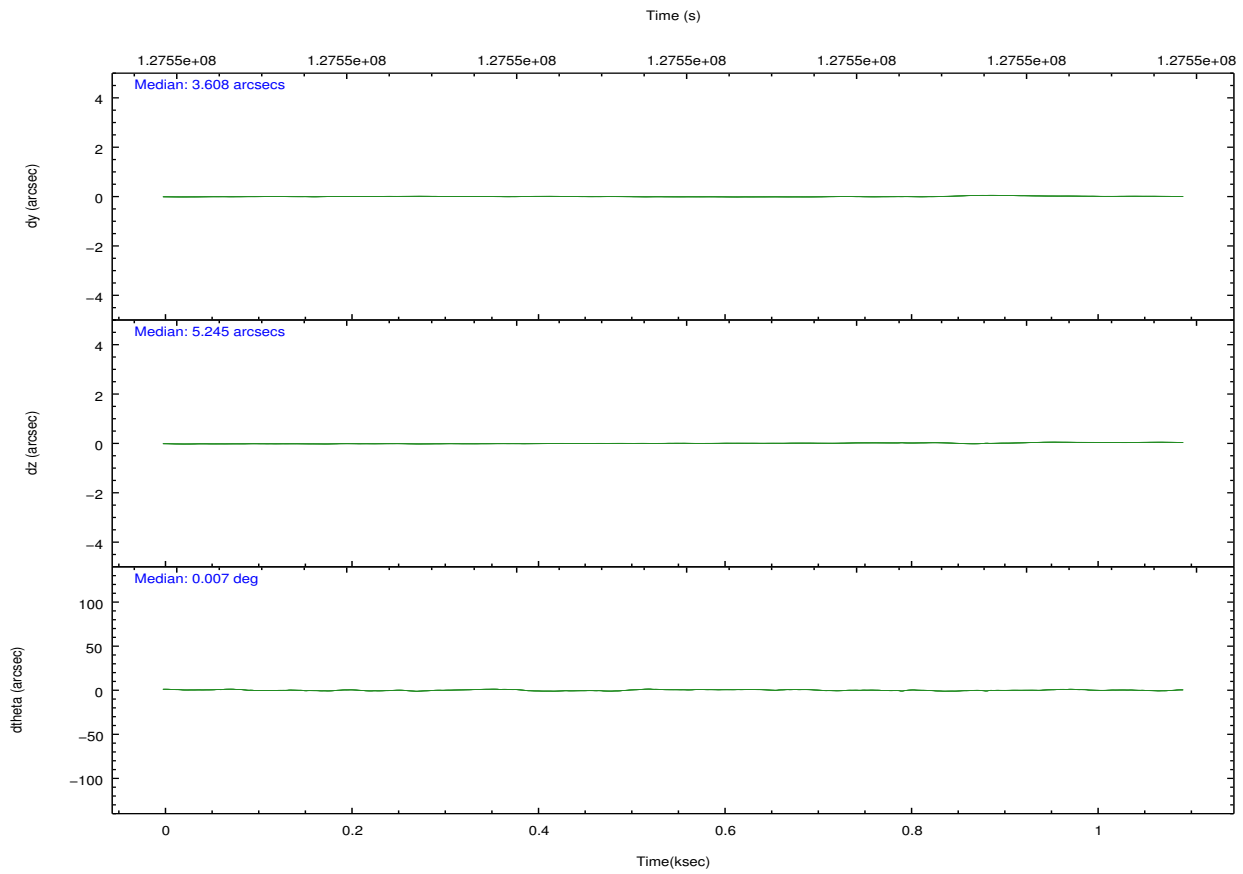
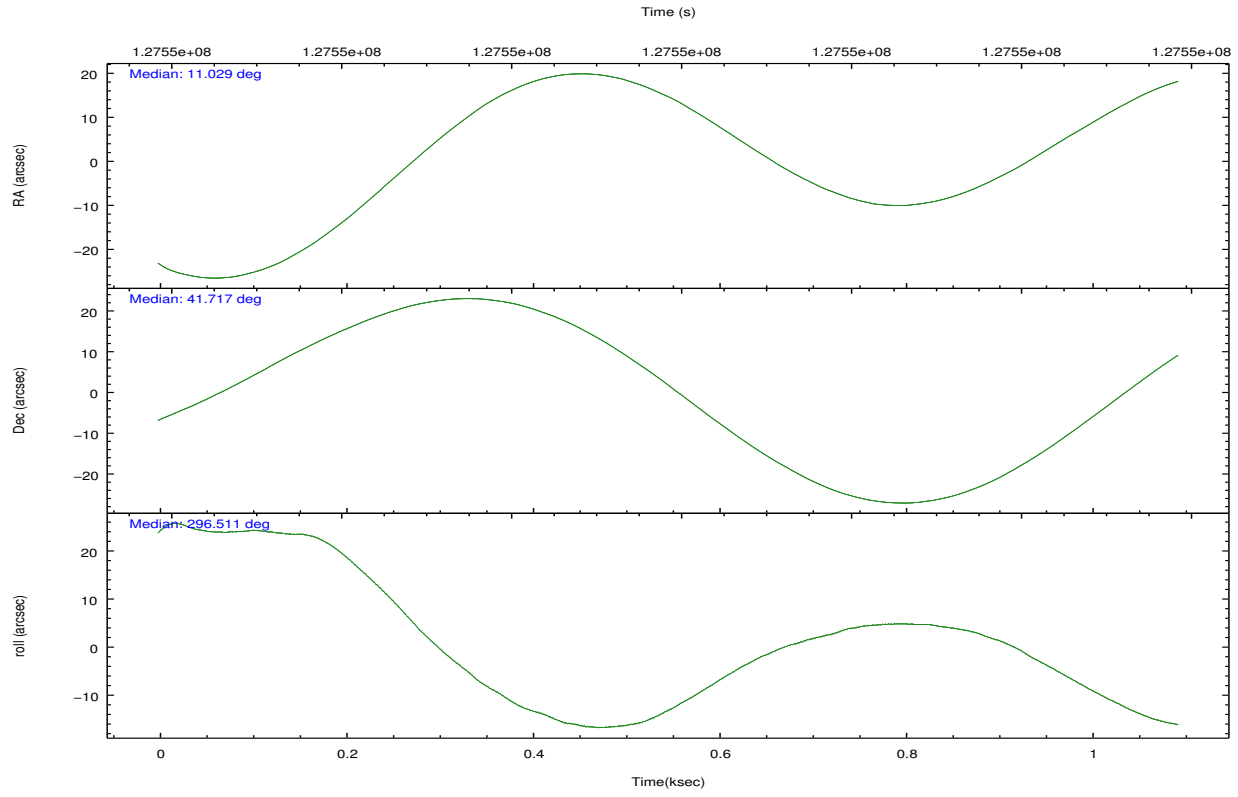
	segment 0
level 1 events	83537
rejected events	19087
rejected %	22%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	10.998788	11.02889097232885			
[deg] Pointing Dec	41.731262	41.71655284897047			
[deg] Pointing Roll	296.629593	296.5141368231716			
[s] Window start time (MET)	127353664.184000	127353664.184000			
[s] Window stop time (MET)	127958464.184000	127958464.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	127545432.184000	127545056.48969			
Observation start date	2002-01-16T05:16:08	2002-01-16T05:10:56			
[s] Observation end time (MET)	127546332.184000	127546466.37725			
Observation end date	2002-01-16T05:31:08	2002-01-16T05:34:26			

2.3 Aspect



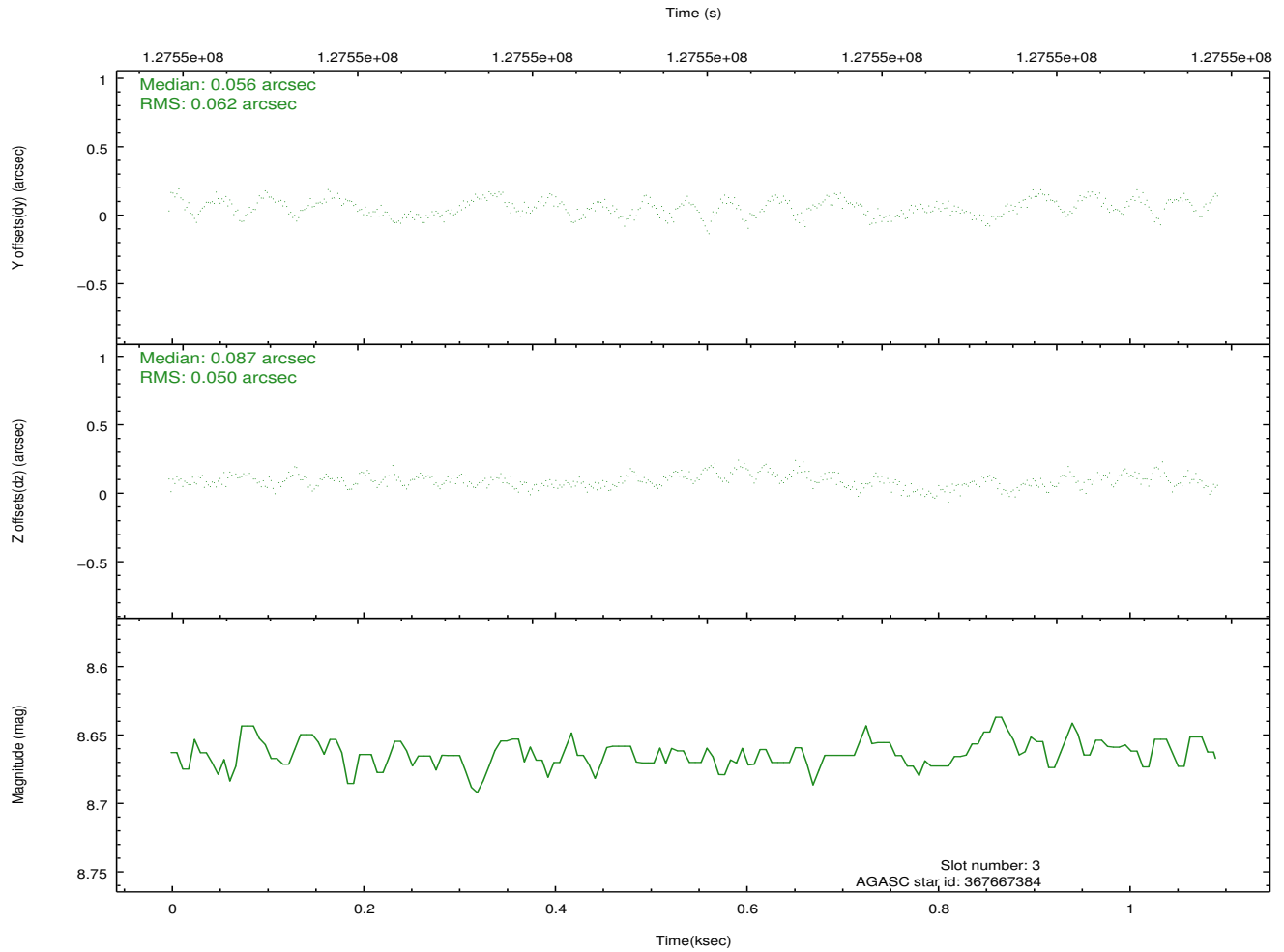
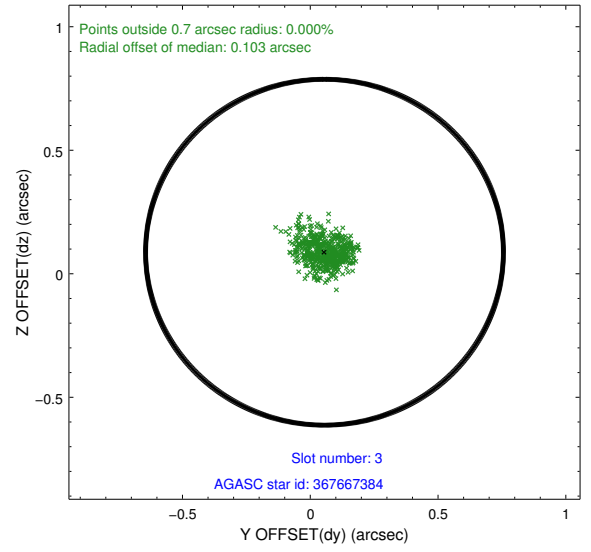
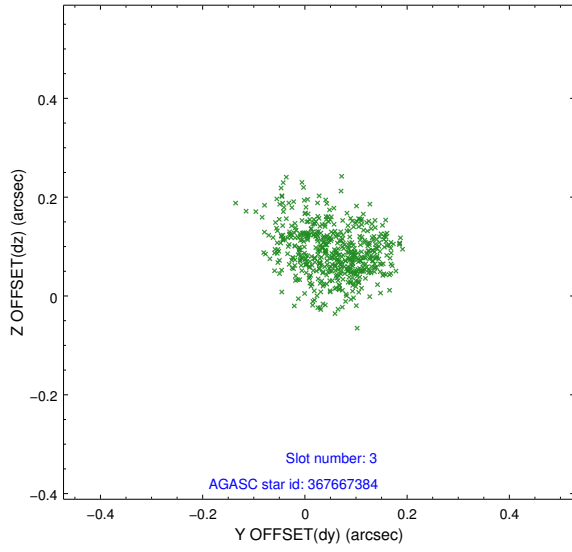


Slot Statistics

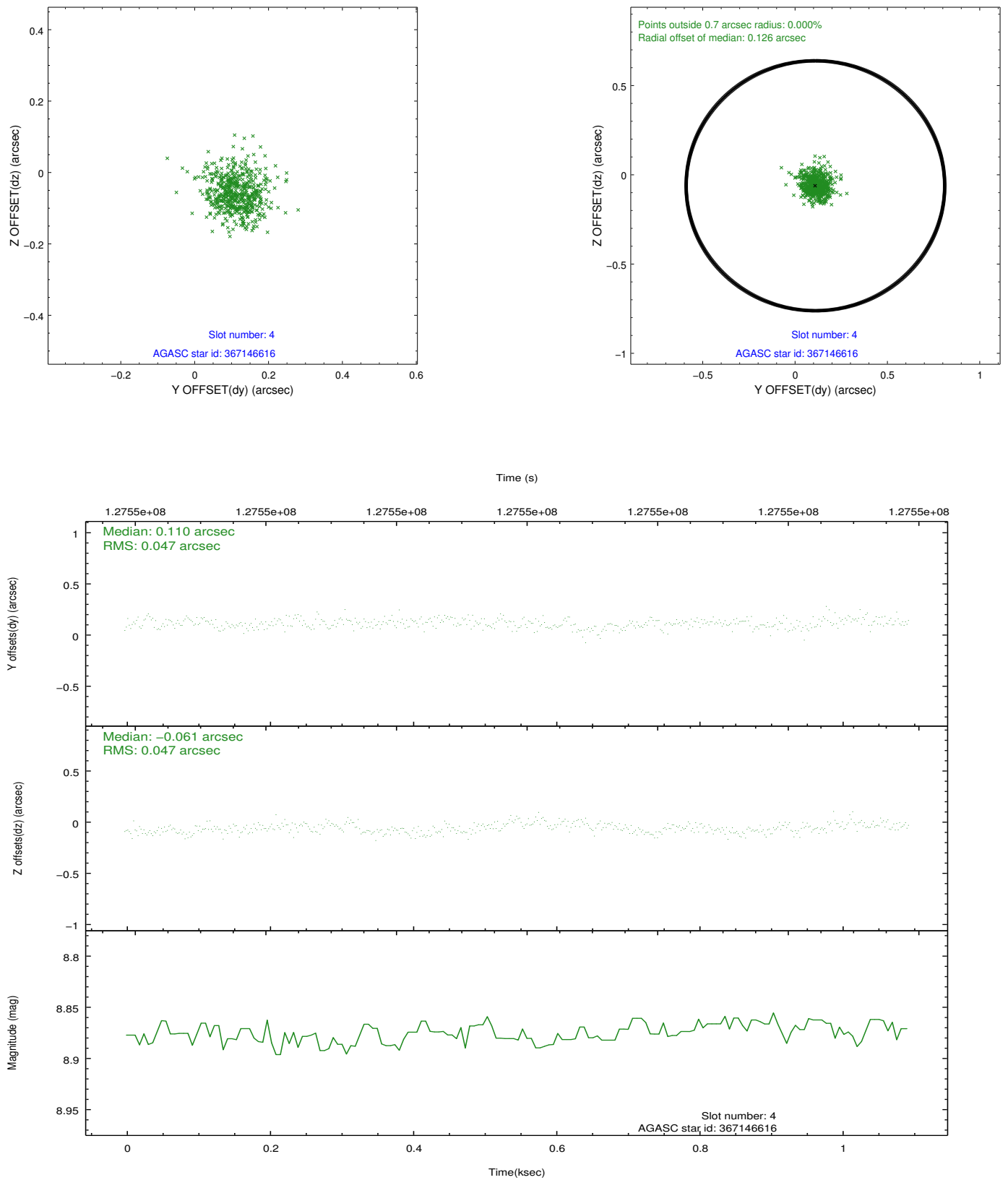
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	267	0.005	0.052	0.008	0.018	0.000000	0.000000	-759.07	-1293.01
1	FID	HRC-I-2	7.00	267	0.079	-0.053	0.006	0.011	0.000000	0.000000	850.79	-1299.49
2	FID	HRC-I-3	7.05	267	0.035	-0.089	0.007	0.014	0.000000	0.000000	-1184.39	1006.54
3	GUIDE	367667384	8.66	535	0.056	0.087	0.086	0.131	12.077552	41.596878	1717.38	2388.67
4	GUIDE	367146616	8.88	535	0.110	-0.061	0.069	0.118	11.418645	41.190163	2251.41	150.46
5	GUIDE	367671800	9.41	535	-0.103	-0.076	0.093	0.163	10.554735	41.964935	-1283.97	-682.93
6	GUIDE	367670520	9.26	535	-0.098	0.062	0.100	0.167	11.265516	42.371946	-1747.97	1668.26
7	GUIDE	367663272	9.30	534	0.043	-0.036	0.098	0.164	10.656279	41.699429	-315.63	-869.56

2.4 Star Slots

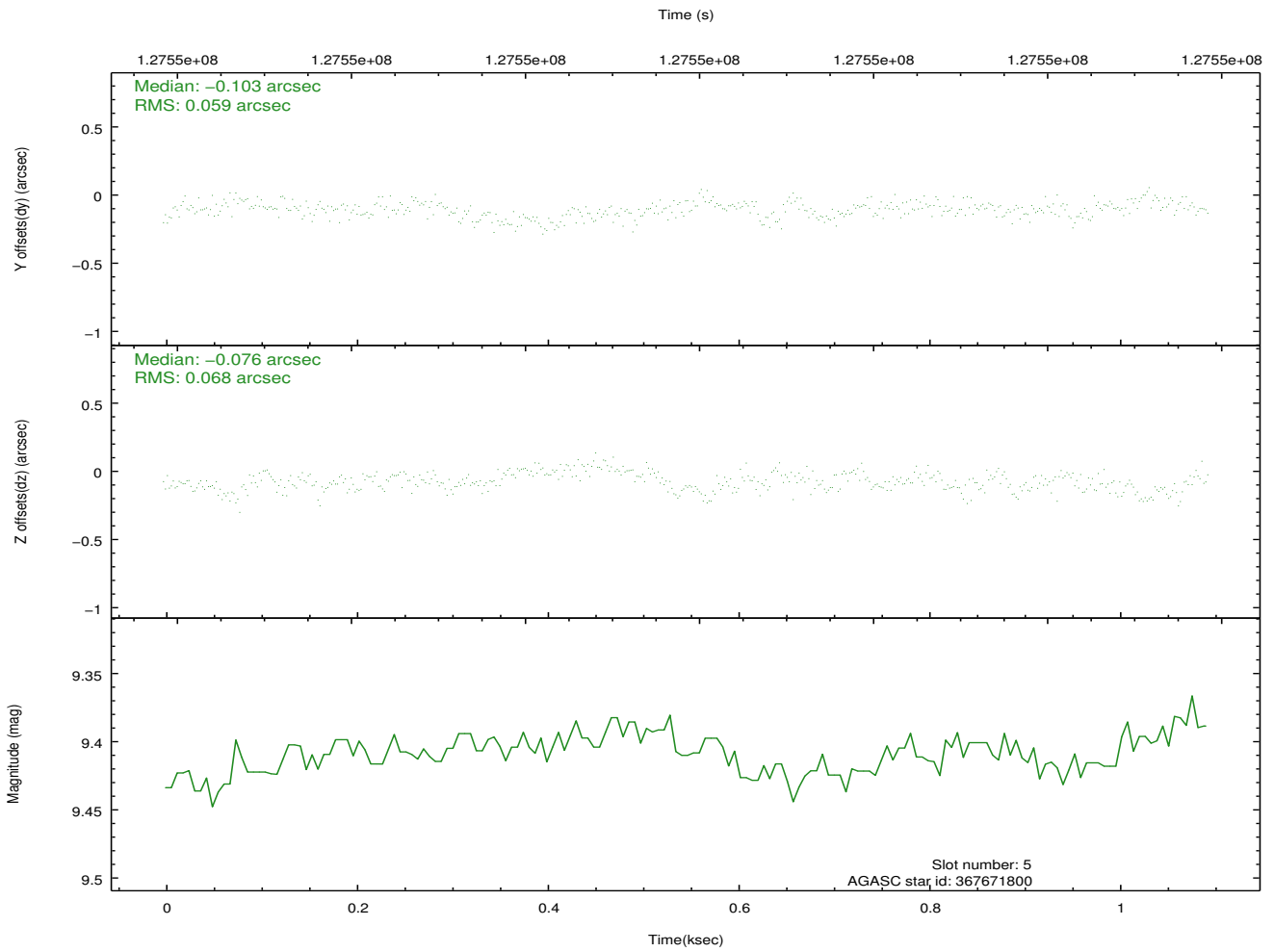
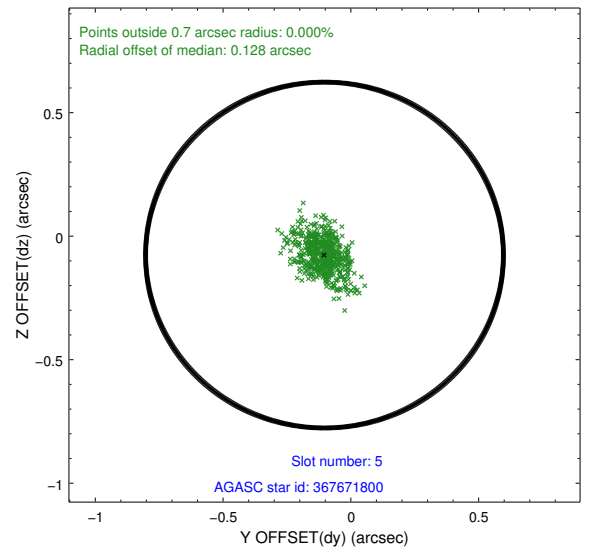
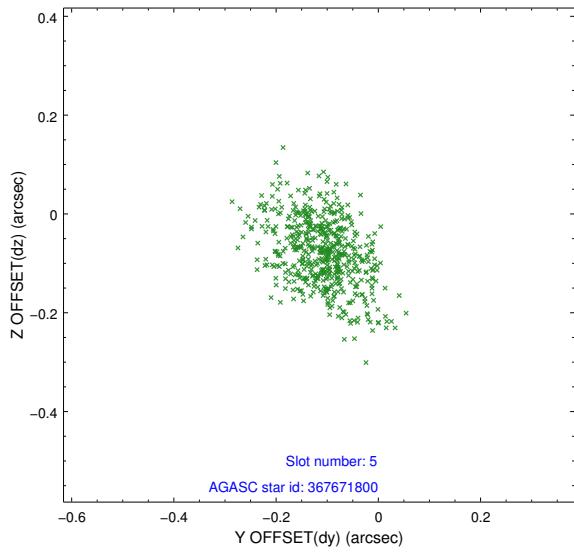
2.4.1 Slot 3



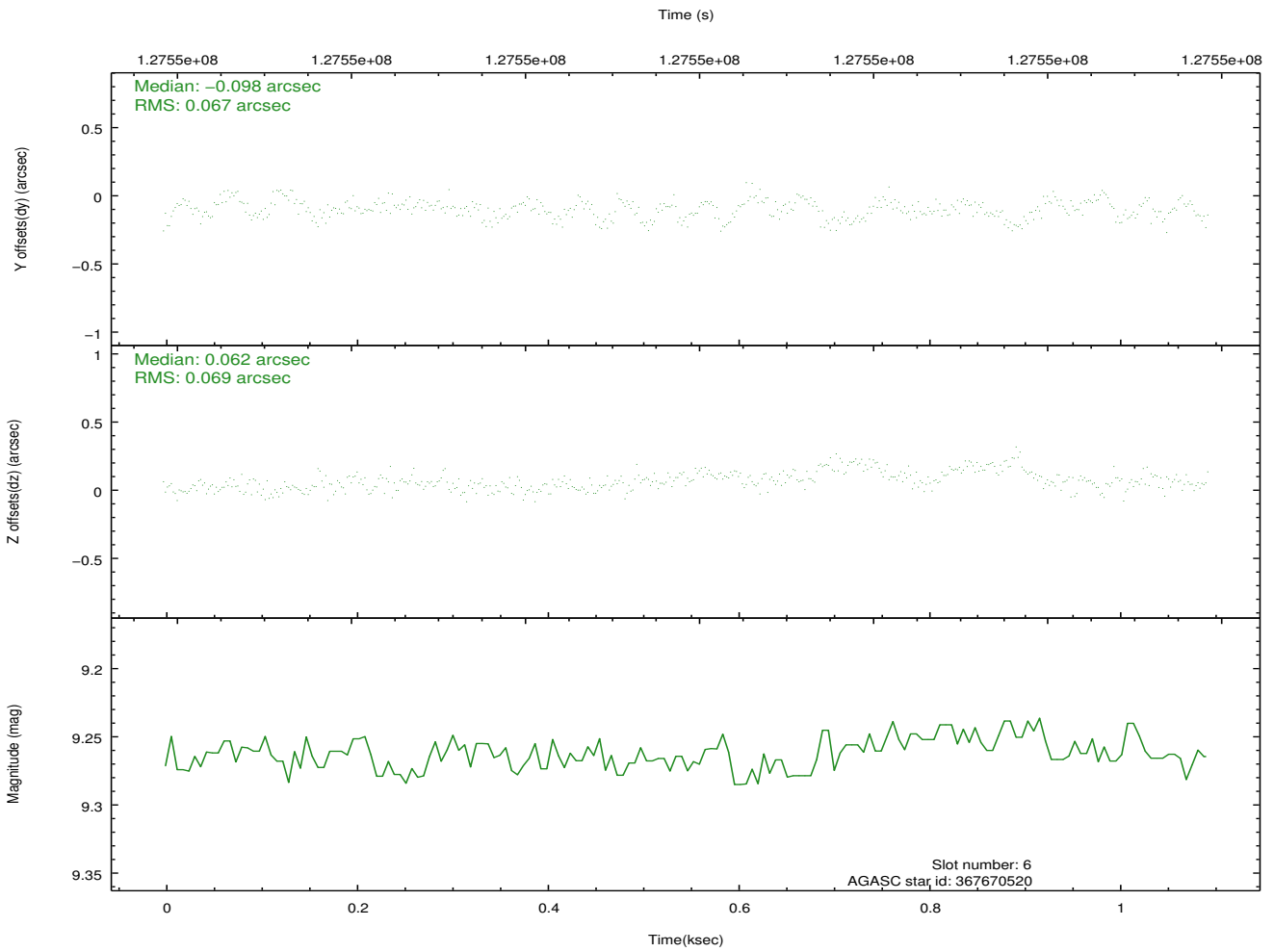
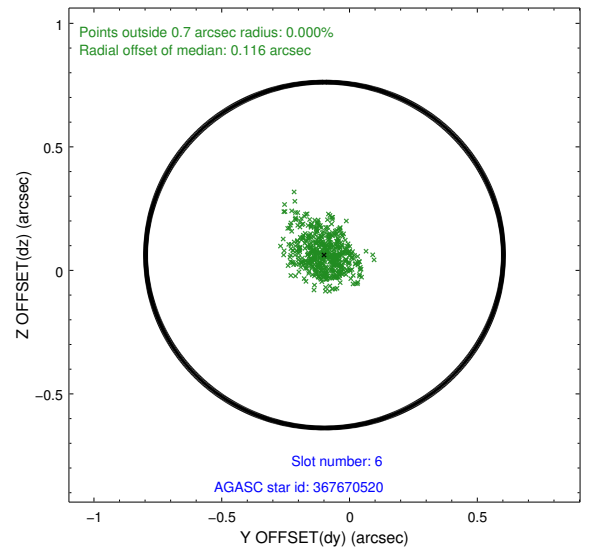
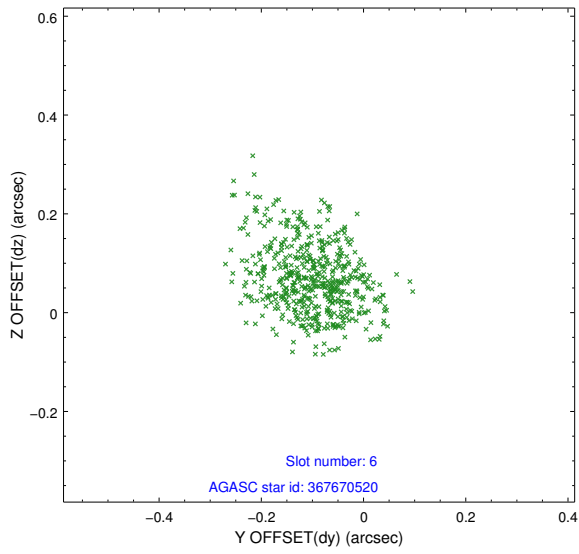
2.4.2 Slot 4



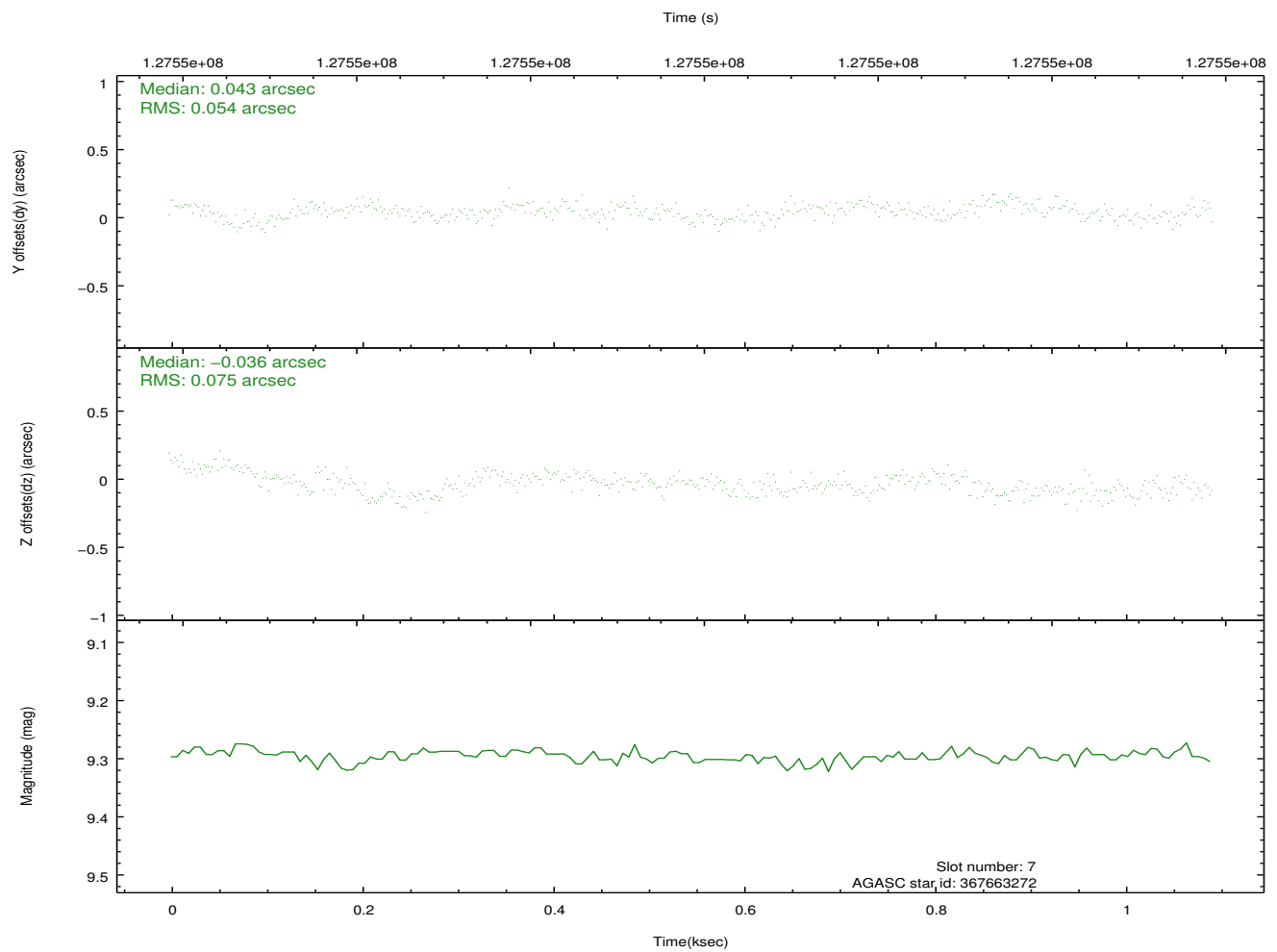
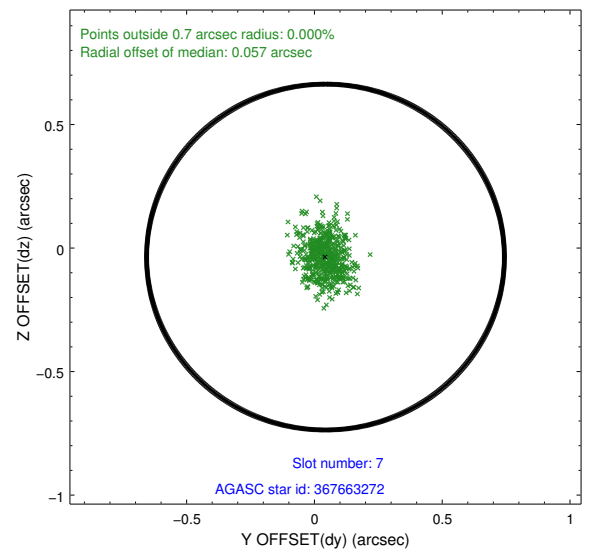
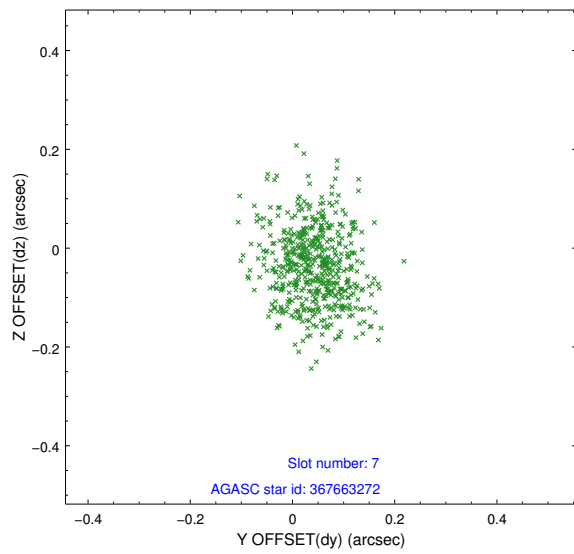
2.4.3 Slot 5



2.4.4 Slot 6

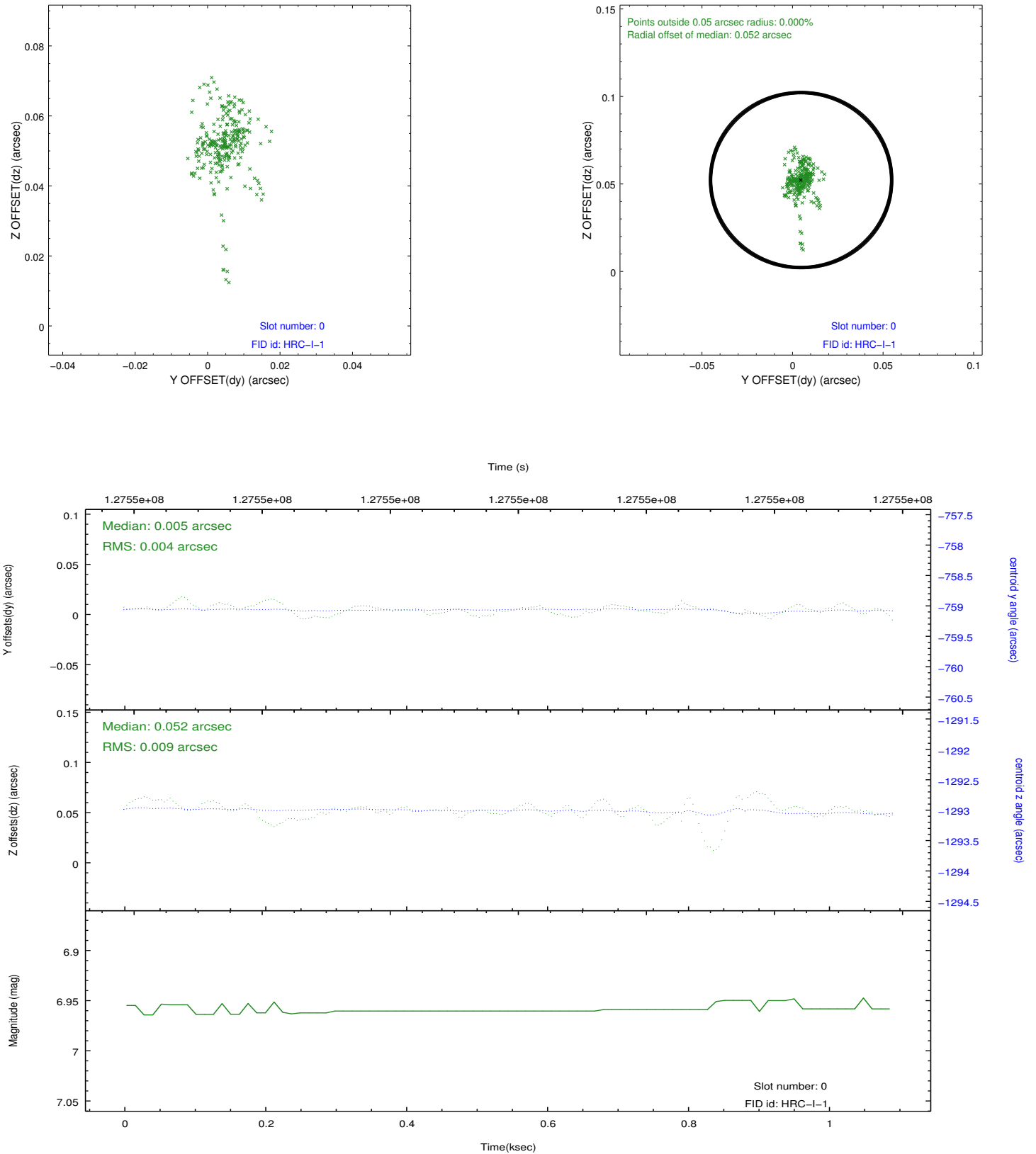


2.4.5 Slot 7

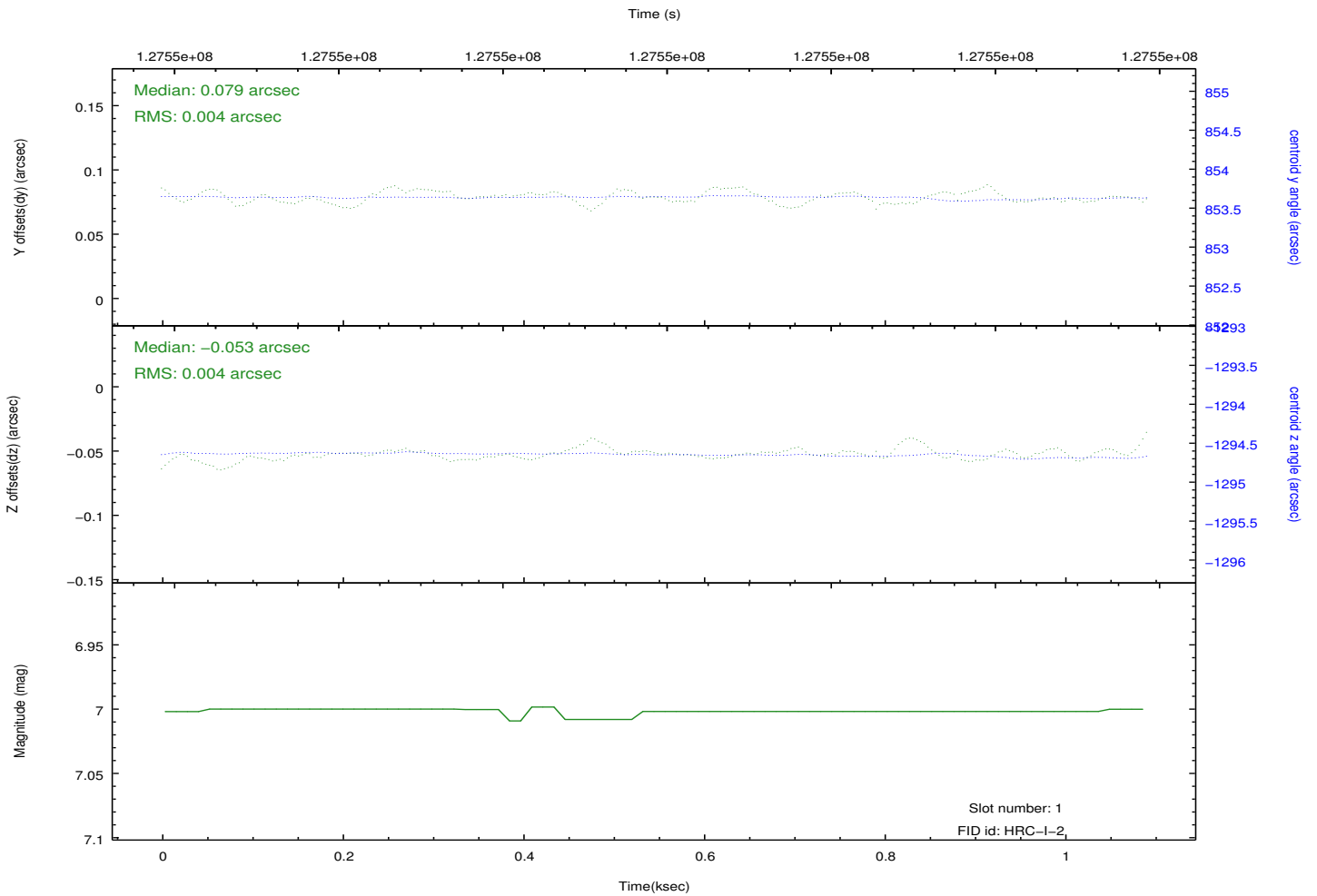
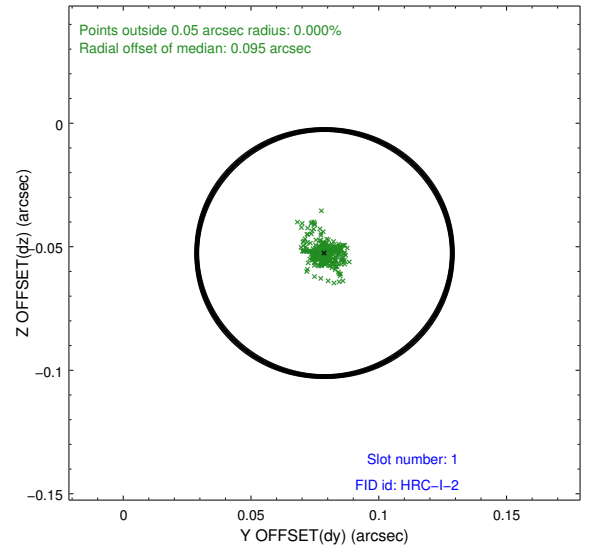
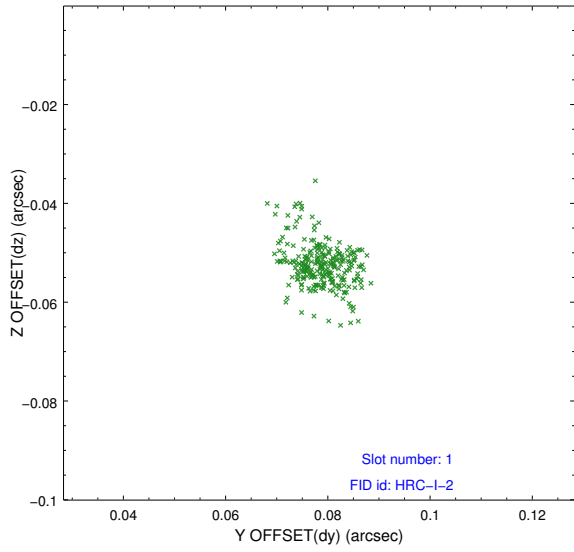


2.5 FID Slots

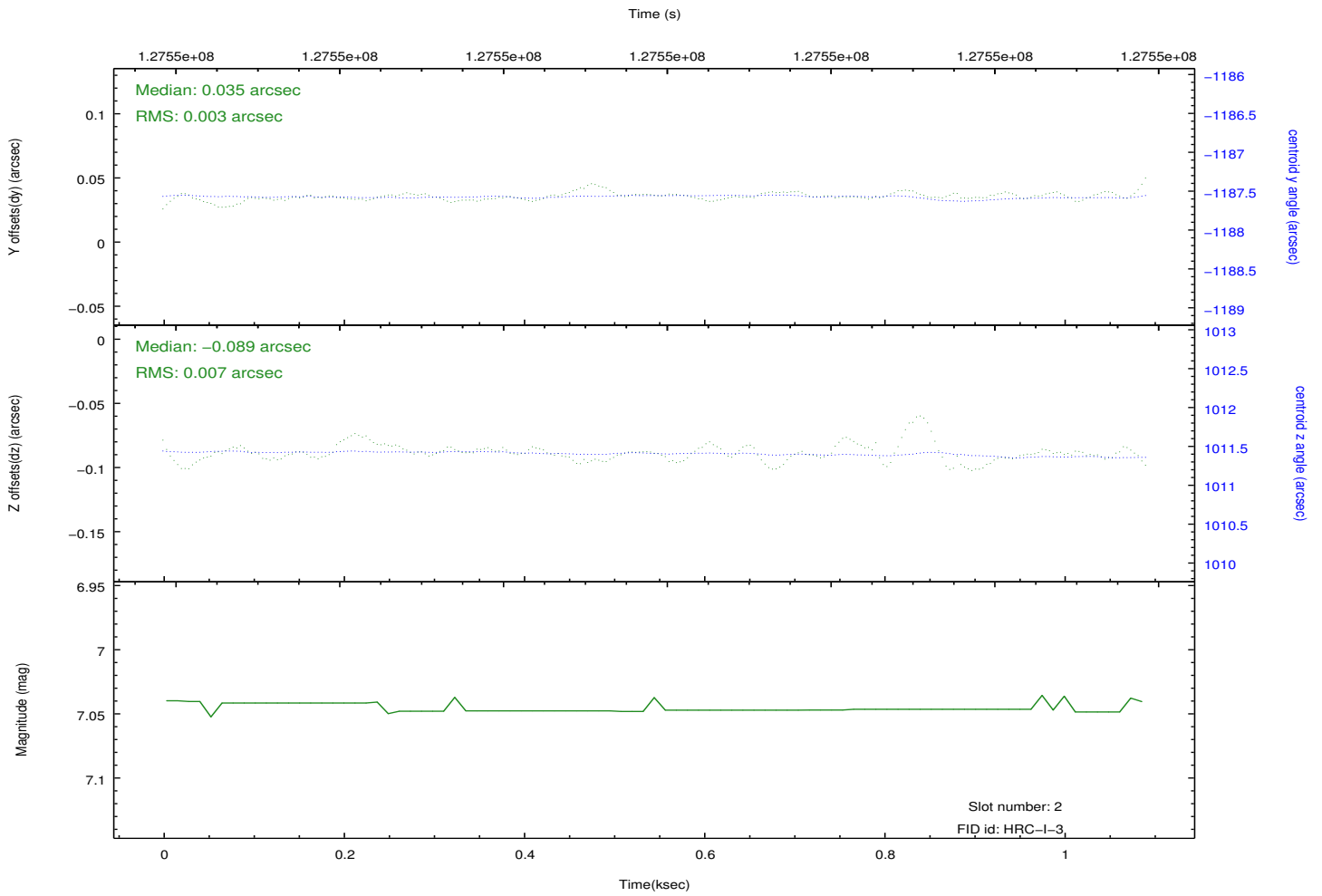
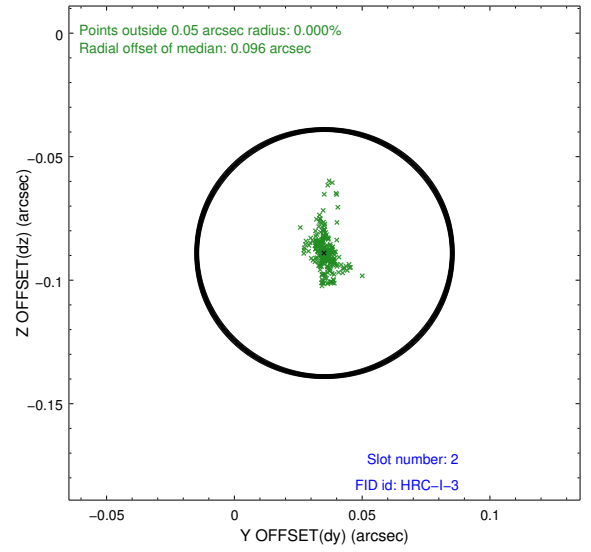
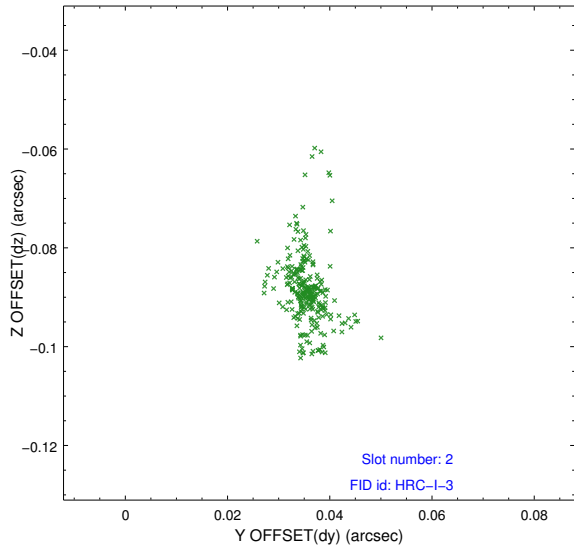
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.091

A.2 Comments

Window constraint satisfied.